

***Massachusetts  
HIV/AIDS  
Surveillance Program***

***Monthly Update***

**Data as of September 1, 2008**

**Massachusetts Department of Public Health  
305 South Street, 2<sup>nd</sup> floor  
Boston, MA 02130**

**Visit our web site at <http://www.mass.gov/dph/cdc/aids>**

## **Monthly HIV/AIDS Surveillance Reports:**

**HIV case information is collected on individuals who are HIV- infected, but have not progressed to AIDS. This information was collected from health care providers from January 1, 1999 through December 31, 2006 using a non-name system. As of January 1, 2007 HIV cases are reportable by name. Diagnosis year for HIV identifies when an HIV-infected individual tested confidentially and/or entered medical care; it does not identify when infection occurred nor when an individual first tested positive.**

**The Massachusetts HIV/AIDS monthly update reports presents persons living with HIV, persons living with AIDS, and living HIV/AIDS cases combined. Individual summary sheets for health service regions of the state have replaced the city and town cumulative case lists provided previously. As of May 1, 2004, the trends page includes cumulative HIV and AIDS cases together for Massachusetts and Boston displayed by year of diagnosed HIV infection. At the present time, data by diagnosis year are only available for cases diagnosed through 2006. The data for diagnosis year 2007 will be available when the data is finalized. HIV and AIDS cases diagnosed before 1999 are grouped together as “<=1998”.**

**Prior to September 30, 2004 Pediatric HIV surveillance was maintained through the Pediatric Spectrum of Disease (PSD) Project. In October of 2004, the Massachusetts Department of Public Health HIV/AIDS Surveillance Program (MHASP) assumed the responsibility of monitoring pediatric HIV cases throughout the state, whereas previously, MHASP was only responsible for monitoring pediatric AIDS cases. The April 1, 2005 Monthly Update was the first report issued by the MHASP to reflect our pediatric HIV surveillance activities. For more information about MHASP pediatric HIV surveillance activities, call (617) 983-6572.**

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**  
**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

<b>Total Cases Reported In August, 2008</b>	<b>HIV: 38</b>	<b>AIDS: 55</b>
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**Massachusetts**

		<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
		<b>7,805 *</b>		<b>9,733</b>		<b>17,538 *</b>	
		<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>RESIDENCE**</b>		<b>7,800</b>		<b>9,733</b>		<b>17,533</b>	
HSR	Boston	2,551	32.7%	3,076	31.6%	5,627	32.1%
	Central	642	8.2%	937	9.6%	1,579	9.0%
	MetroWest	1,039	13.3%	1,255	12.9%	2,294	13.1%
	Northeast	1,142	14.6%	1,436	14.8%	2,578	14.7%
	Southeast	1,025	13.1%	1,414	14.5%	2,439	13.9%
	Western	1,026	13.1%	1,086	11.2%	2,112	12.0%
	Subtotal	7,425	95.1%	9,204	94.6%	16,629	94.8%
	Prisoners***	375	4.8%	529	5.4%	904	5.2%

<b>MODE OF EXPOSURE (adults)</b>		<b>7,610</b>		<b>9,596</b>		<b>17,206</b>	
	Male Sex w/Male	2,934	38.6%	3,047	31.8%	5,981	34.8%
	Injection Drug Use	1,631	21.4%	2,755	28.7%	4,386	25.5%
	Male/Male Sex & IDU	225	3.0%	347	3.6%	572	3.3%
	Receipt of blood/products	25	0.3%	78	0.8%	103	0.6%
	Heterosexual Sex	1,000	13.1%	1,385	14.4%	2,385	13.9%
	Presumed Het-Unk Risk of Prtnr&	1,266	16.6%	1,464	15.3%	2,730	15.9%
	Undetermined/Other	529	7.0%	520	5.4%	1,049	6.1%

<b>MODE OF EXPOSURE (pediatric)</b>		<b>196</b>		<b>137</b>		<b>333</b>	
	Mother w/HIV/at risk for HIV	193	98.5%	123	89.8%	316	94.9%
	Receipt of blood/products	0	0.0%	8	5.8%	8	2.4%
	Undetermined	3	1.5%	6	4.4%	9	2.7%

<b>GENDER</b>		<b>7,805</b>		<b>9,733</b>		<b>17,538</b>	
	Male	5,416	69.4%	7,081	72.8%	12,497	71.3%
	Female	2,389	30.6%	2,652	27.2%	5,041	28.7%

<b>RACE/ETHNICITY</b>		<b>7,805</b>		<b>9,733</b>		<b>17,538</b>	
	White	3,591	46.0%	4,247	43.6%	7,838	44.7%
	Black	2,112	27.1%	2,854	29.3%	4,966	28.3%
	Hispanic	1,929	24.7%	2,477	25.4%	4,406	25.1%
	Other/Unknown	173	2.2%	155	1.6%	328	1.9%

<b>AGE AT DIAGNOSIS†</b>		<b>7,805</b>		<b>9,733</b>		<b>--</b>	
	Under 13	194	2.5%	91	0.9%	--	
	13 - 19	184	2.4%	82	0.8%	--	
	20 - 29	1,959	25.1%	1,324	13.6%	--	
	30 - 39	3,160	40.5%	4,239	43.6%	--	
	40 - 49	1,745	22.4%	3,021	31.0%	--	
	Over 49	563	7.2%	976	10.0%	--	

\*Total includes cases with unknown city/town

\*\*These numbers only include residents of Massachusetts. Non-residents diagnosed at a Massachusetts health facility are not included.

HSR = Health Service Region. See <http://www.state.ma.us/dph/ohc/config.htm> for configurations.

\*\*\*Cases diagnosed while the individual is in a correctional facility.

& Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

†HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM  
HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>Boston HSR*</b>	<b>2,551</b>		<b>3,076</b>		<b>5,627</b>	
	No.	%	No.	%	No.	%
<b>MODE OF EXPOSURE (adults)</b>	<b>2,505</b>		<b>3,037</b>		<b>5,542</b>	
Male Sex w/Male	1,317	52.6%	1,275	42.0%	2,592	46.8%
Injection Drug Use	316	12.6%	622	20.5%	938	16.9%
Male/Male Sex & IDU	82	3.3%	107	3.5%	189	3.4%
Receipt of blood/products	7	0.3%	20	0.7%	27	0.5%
Heterosexual Sex	253	10.1%	399	13.1%	652	11.8%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	384	15.3%	466	15.3%	850	15.3%
Undetermined/Other	146	5.8%	148	4.9%	294	5.3%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>46</b>		<b>39</b>		<b>85</b>	
Mother w/HIV/at risk for HIV	45	97.8%	36	92.3%	81	95.3%
Receipt of blood/products	0	0.0%	1	2.6%	1	1.2%
Undetermined	1	2.2%	2	5.1%	3	3.5%
<b>GENDER</b>	<b>2,551</b>		<b>3,076</b>		<b>5,627</b>	
Male	1,935	75.9%	2,363	76.8%	4,298	76.4%
Female	616	24.1%	713	23.2%	1,329	23.6%
<b>RACE/ETHNICITY</b>	<b>2,551</b>		<b>3,076</b>		<b>5,627</b>	
White	1,136	44.5%	1,169	38.0%	2,305	41.0%
Black	875	34.3%	1,282	41.7%	2,157	38.3%
Hispanic	487	19.1%	578	18.8%	1,065	18.9%
Other/Unknown	53	2.1%	47	1.5%	100	1.8%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>2,551</b>		<b>3,076</b>		<b>--</b>	
Under 13	46	1.8%	29	0.9%	--	
13 - 19	66	2.6%	19	0.6%	--	
20 - 29	616	24.1%	444	14.4%	--	
30 - 39	1,058	41.5%	1,322	43.0%	--	
40 - 49	583	22.9%	957	31.1%	--	
Over 49	182	7.1%	305	9.9%	--	

\*These numbers only include residents of Massachusetts. Non-residents and individuals incarcerated at the time of diagnosis are not included.

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<sup>&</sup>Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

<sup>‡</sup>HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**

**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>Central HSR*</b>	<b>642</b>		<b>937</b>		<b>1,579</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>MODE OF EXPOSURE (adults)</b>	<b>619</b>		<b>921</b>		<b>1,540</b>	
Male Sex w/Male	162	26.2%	175	19.0%	337	21.9%
Injection Drug Use	187	30.2%	350	38.0%	537	34.9%
Male/Male Sex & IDU	10	1.6%	36	3.9%	46	3.0%
Receipt of blood/products	4	0.6%	11	1.2%	15	1.0%
Heterosexual Sex	102	16.5%	170	18.5%	272	17.7%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	124	20.0%	147	16.0%	271	17.6%
Undetermined/Other	30	4.8%	32	3.5%	62	4.0%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>23</b>		<b>16</b>		<b>39</b>	
Mother w/HIV/at risk for HIV	23	100.0%	14	87.5%	37	94.9%
Receipt of blood/products	0	0.0%	1	6.3%	1	2.6%
Undetermined	0	0.0%	1	6.3%	1	2.6%
<b>GENDER</b>	<b>642</b>		<b>937</b>		<b>1,579</b>	
Male	384	59.8%	601	64.1%	985	62.4%
Female	258	40.2%	336	35.9%	594	37.6%
<b>RACE/ETHNICITY</b>	<b>642</b>		<b>937</b>		<b>1,579</b>	
White	287	44.7%	410	43.8%	697	44.1%
Black	141	22.0%	197	21.0%	338	21.4%
Hispanic	207	32.2%	316	33.7%	523	33.1%
Other/Unknown	7	1.1%	14	1.5%	21	1.3%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>642</b>		<b>937</b>		<b>--</b>	
Under 13	23	3.6%	10	1.1%	--	
13 - 19	20	3.1%	8	0.9%	--	
20 - 29	168	26.2%	120	12.8%	--	
30 - 39	246	38.3%	394	42.0%	--	
40 - 49	133	20.7%	289	30.8%	--	
Over 49	52	8.1%	116	12.4%	--	

\*These numbers only include residents of Massachusetts. Non-residents and individuals incarcerated at the time of diagnosis are not included.

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<sup>&</sup>Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

<sup>‡</sup>HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**  
**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>MetroWest HSR*</b>	<b>1,039</b>		<b>1,255</b>		<b>2,294</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>MODE OF EXPOSURE (adults)</b>	<b>1,007</b>		<b>1,238</b>		<b>2,245</b>	
Male Sex w/Male	440	43.7%	432	34.9%	872	38.8%
Injection Drug Use	127	12.6%	221	17.9%	348	15.5%
Male/Male Sex & IDU	25	2.5%	42	3.4%	67	3.0%
Receipt of blood/products	7	0.7%	18	1.5%	25	1.1%
Heterosexual Sex	125	12.4%	148	12.0%	273	12.2%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	184	18.3%	278	22.5%	462	20.6%
Undetermined/Other	99	9.8%	99	8.0%	198	8.8%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>33</b>		<b>17</b>		<b>50</b>	
Mother w/HIV/at risk for HIV	32	97.0%	13	76.5%	45	90.0%
Receipt of blood/products	0	0.0%	3	17.6%	3	6.0%
Undetermined	1	3.0%	1	5.9%	2	4.0%
<b>GENDER</b>	<b>1,039</b>		<b>1,255</b>		<b>2,294</b>	
Male	737	70.9%	904	72.0%	1,641	71.5%
Female	302	29.1%	351	28.0%	653	28.5%
<b>RACE/ETHNICITY</b>	<b>1,039</b>		<b>1,255</b>		<b>2,294</b>	
White	547	52.6%	658	52.4%	1,205	52.5%
Black	339	32.6%	423	33.7%	762	33.2%
Hispanic	116	11.2%	150	12.0%	266	11.6%
Other/Unknown	37	3.6%	24	1.9%	61	2.7%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>1,039</b>		<b>1,255</b>		<b>--</b>	
Under 13	31	3.0%	10	0.8%	--	
13 - 19	14	1.3%	14	1.1%	--	
20 - 29	271	26.1%	171	13.6%	--	
30 - 39	404	38.9%	538	42.9%	--	
40 - 49	240	23.1%	381	30.4%	--	
Over 49	79	7.6%	141	11.2%	--	

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<sup>&</sup>Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

<sup>‡</sup>HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**

**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>Northeast HSR*</b>	<b>1,142</b>		<b>1,436</b>		<b>2,578</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>MODE OF EXPOSURE (adults)</b>	<b>1,106</b>		<b>1,415</b>		<b>2,521</b>	
Male Sex w/Male	369	33.4%	401	28.3%	770	30.5%
Injection Drug Use	216	19.5%	359	25.4%	575	22.8%
Male/Male Sex & IDU	27	2.4%	47	3.3%	74	2.9%
Receipt of blood/products	1	0.1%	8	0.6%	9	0.4%
Heterosexual Sex	163	14.7%	223	15.8%	386	15.3%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	228	20.6%	265	18.7%	493	19.6%
Undetermined/Other	102	9.2%	112	7.9%	214	8.5%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>36</b>		<b>21</b>		<b>57</b>	
Mother w/HIV/at risk for HIV	35	97.2%	19	90.5%	54	94.7%
Receipt of blood/products	0	0.0%	1	4.8%	1	1.8%
Undetermined	1	2.8%	1	4.8%	2	3.5%
<b>GENDER</b>	<b>1,142</b>		<b>1,436</b>		<b>2,578</b>	
Male	730	63.9%	1,005	70.0%	1,735	67.3%
Female	412	36.1%	431	30.0%	843	32.7%
<b>RACE/ETHNICITY</b>	<b>1,142</b>		<b>1,436</b>		<b>2,578</b>	
White	542	47.5%	662	46.1%	1,204	46.7%
Black	250	21.9%	280	19.5%	530	20.6%
Hispanic	311	27.2%	445	31.0%	756	29.3%
Other/Unknown	39	3.4%	49	3.4%	88	3.4%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>1,142</b>		<b>1,436</b>		<b>--</b>	
Under 13	36	3.2%	14	1.0%	--	
13 - 19	23	2.0%	14	1.0%	--	
20 - 29	282	24.7%	211	14.7%	--	
30 - 39	476	41.7%	632	44.0%	--	
40 - 49	242	21.2%	425	29.6%	--	
Over 49	83	7.3%	140	9.7%	--	

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**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**  
**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>Southeast HSR*</b>	<b>1,025</b>		<b>1,414</b>		<b>2,439</b>	
	No.	%	No.	%	No.	%
<b>MODE OF EXPOSURE (adults)</b>	<b>1,003</b>		<b>1,389</b>		<b>2,392</b>	
Male Sex w/Male	401	40.0%	498	35.9%	899	37.6%
Injection Drug Use	247	24.6%	380	27.4%	627	26.2%
Male/Male Sex & IDU	34	3.4%	43	3.1%	77	3.2%
Receipt of blood/products	2	0.2%	15	1.1%	17	0.7%
Heterosexual Sex	135	13.5%	231	16.6%	366	15.3%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	125	12.5%	149	10.7%	274	11.5%
Undetermined/Other	59	5.9%	73	5.3%	132	5.5%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>22</b>		<b>25</b>		<b>47</b>	
Mother w/HIV/at risk for HIV	22	100.0%	22	88.0%	44	93.6%
Receipt of blood/products	0	0.0%	2	8.0%	2	4.3%
Undetermined	0	0.0%	1	4.0%	1	2.1%
<b>GENDER</b>	<b>1,025</b>		<b>1,414</b>		<b>2,439</b>	
Male	706	68.9%	1,022	72.3%	1,728	70.8%
Female	319	31.1%	392	27.7%	711	29.2%
<b>RACE/ETHNICITY</b>	<b>1,025</b>		<b>1,414</b>		<b>2,439</b>	
White	656	64.0%	895	63.3%	1,551	63.6%
Black	209	20.4%	289	20.4%	498	20.4%
Hispanic	142	13.9%	216	15.3%	358	14.7%
Other/Unknown	18	1.8%	14	1.0%	32	1.3%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>1,025</b>		<b>1,414</b>		<b>--</b>	
Under 13	21	2.0%	15	1.1%	--	
13 - 19	21	2.0%	9	0.6%	--	
20 - 29	236	23.0%	158	11.2%	--	
30 - 39	427	41.7%	607	42.9%	--	
40 - 49	249	24.3%	469	33.2%	--	
Over 49	71	6.9%	156	11.0%	--	

\*These numbers only include residents of Massachusetts. Non-residents and individuals incarcerated at the time of diagnosis are not included.

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<sup>&</sup>Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

<sup>‡</sup>HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**  
**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>Western HSR*</b>	<b>1,026</b>		<b>1,086</b>		<b>2,112</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>MODE OF EXPOSURE (adults)</b>	<b>990</b>		<b>1,067</b>		<b>2,057</b>	
Male Sex w/Male	217	21.9%	240	22.5%	457	22.2%
Injection Drug Use	301	30.4%	417	39.1%	718	34.9%
Male/Male Sex & IDU	30	3.0%	45	4.2%	75	3.6%
Receipt of blood/products	3	0.3%	6	0.6%	9	0.4%
Heterosexual Sex	200	20.2%	190	17.8%	390	19.0%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	164	16.6%	130	12.2%	294	14.3%
Undetermined/Other	75	7.6%	39	3.7%	114	5.5%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>36</b>		<b>19</b>		<b>55</b>	
Mother w/HIV/at risk for HIV	36	100.0%	19	100.0%	55	100.0%
Receipt of blood/products	0	0.0%	0	0.0%	0	0.0%
Undetermined	0	0.0%	0	0.0%	0	0.0%
<b>GENDER</b>	<b>1,026</b>		<b>1,086</b>		<b>2,112</b>	
Male	607	59.2%	717	66.0%	1,324	62.7%
Female	419	40.8%	369	34.0%	788	37.3%
<b>RACE/ETHNICITY</b>	<b>1,026</b>		<b>1,086</b>		<b>2,112</b>	
White	301	29.3%	316	29.1%	617	29.2%
Black	187	18.2%	218	20.1%	405	19.2%
Hispanic	523	51.0%	547	50.4%	1,070	50.7%
Other/Unknown	15	1.5%	5	0.5%	20	0.9%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>1,026</b>		<b>1,086</b>		<b>--</b>	
Under 13	37	3.6%	13	1.2%	--	
13 - 19	28	2.7%	13	1.2%	--	
20 - 29	254	24.8%	133	12.2%	--	
30 - 39	385	37.5%	480	44.2%	--	
40 - 49	234	22.8%	345	31.8%	--	
Over 49	88	8.6%	102	9.4%	--	

\*These numbers only include residents of Massachusetts. Non-residents and individuals incarcerated at the time of diagnosis are not included.

HSR = Health Service Region. See <http://www.state.ma.us/dph/ohc/config.htm> for configurations.

<sup>&</sup>Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

<sup>‡</sup>HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

**MASSACHUSETTS HIV/AIDS SURVEILLANCE PROGRAM**  
**HIV/AIDS SUMMARY REPORT**

ALIVE CASES AS OF SEPTEMBER 1, 2008

	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>	
<b>Prisoners*</b>	<b>375</b>		<b>529</b>		<b>904</b>	
	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>
<b>MODE OF EXPOSURE (adults)</b>	<b>375</b>		<b>529</b>		<b>904</b>	
Male Sex w/Male	27	7.2%	26	4.9%	53	5.9%
Injection Drug Use	235	62.7%	406	76.7%	641	70.9%
Male/Male Sex & IDU	17	4.5%	27	5.1%	44	4.9%
Receipt of blood/products	1	0.3%	0	0.0%	1	0.1%
Heterosexual Sex	22	5.9%	24	4.5%	46	5.1%
Presumed Het-Unk Risk of Prtnr <sup>&amp;</sup>	56	14.9%	29	5.5%	85	9.4%
Undetermined/Other	17	4.5%	17	3.2%	34	3.8%
<b>MODE OF EXPOSURE (pediatric)</b>	<b>0</b>		<b>0</b>		<b>0</b>	
Mother w/HIV/at risk for HIV	0		0		0	
Receipt of blood/products	0		0		0	
Undetermined	0		0		0	
<b>GENDER</b>	<b>375</b>		<b>529</b>		<b>904</b>	
Male	315	84.0%	469	88.7%	784	86.7%
Female	60	16.0%	60	11.3%	120	13.3%
<b>RACE/ETHNICITY</b>	<b>375</b>		<b>529</b>		<b>904</b>	
White	119	31.7%	137	25.9%	256	28.3%
Black	110	29.3%	165	31.2%	275	30.4%
Hispanic	142	37.9%	225	42.5%	367	40.6%
Other/Unknown	4	1.1%	2	0.4%	6	0.7%
<b>AGE AT DIAGNOSIS<sup>‡</sup></b>	<b>375</b>		<b>529</b>		<b>--</b>	
Under 13	0	0.0%	0	0.0%	--	
13 - 19	12	3.2%	5	0.9%	--	
20 - 29	129	34.4%	87	16.4%	--	
30 - 39	162	43.2%	266	50.3%	--	
40 - 49	64	17.1%	155	29.3%	--	
Over 49	8	2.1%	16	3.0%	--	

\*Cases diagnosed while the individual is in a correctional facility.

<sup>&</sup>Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

<sup>‡</sup>HIV infection and the first AIDS-defining condition are not always diagnosed at the same point in time; age at diagnosis numbers are not combined when people who are HIV-infected only and those who have progressed to AIDS are described together.-Rev 7/1/2001

Massachusetts HIV/AIDS Surveillance Program

**TRENDS IN MASSACHUSETTS HIV AND AIDS BY YEAR OF DIAGNOSIS OF HIV INFECTION<sup>‡</sup>**

*Cumulative Cases reported as of 09/01/2008*

HIV Surveillance Began

Mode of Exposure	<=1998 <sup>§</sup>	1999	2000	2001	2002	2003	2004	2005	2006*	TOTAL**
<b>Male Sex w/Male</b>	<b>7,629</b> 37.2%	<b>386</b> 28.4%	<b>367</b> 29.8%	<b>320</b> 30.9%	<b>343</b> 31.1%	<b>328</b> 33.5%	<b>314</b> 32.3%	<b>330</b> 37.0%	<b>307</b> 40.8%	<b>10,579</b> 35.8%
<b>Injection Drug Use</b>	<b>7,214</b> 35.1%	<b>400</b> 29.5%	<b>273</b> 22.2%	<b>205</b> 19.8%	<b>200</b> 18.1%	<b>152</b> 15.5%	<b>154</b> 15.9%	<b>129</b> 14.5%	<b>87</b> 11.6%	<b>8,905</b> 30.1%
<b>MSM &amp; IDU</b>	<b>878</b> 4.3%	<b>40</b> 2.9%	<b>29</b> 2.4%	<b>31</b> 3.0%	<b>25</b> 2.3%	<b>27</b> 2.8%	<b>20</b> 2.1%	<b>23</b> 2.6%	<b>12</b> 1.6%	<b>1,102</b> 3.7%
<b>Rec. of blood/prod.</b>	<b>372</b> 1.8%	<b>4</b> 0.3%	<b>6</b> 0.5%	<b>4</b> 0.4%	<b>3</b> 0.3%	<b>3</b> 0.3%	<b>1</b> 0.1%	<b>0</b> 0.0%	<b>0</b> 0.0%	<b>395</b> 1.3%
<b>Heterosexual</b>	<b>2,062</b> 10.0%	<b>205</b> 15.1%	<b>202</b> 16.4%	<b>171</b> 16.5%	<b>185</b> 16.8%	<b>123</b> 12.6%	<b>122</b> 12.6%	<b>103</b> 11.5%	<b>77</b> 10.2%	<b>3,314</b> 11.2%
Sex w/IDU	1,026 5.0%	71 5.2%	75 6.1%	48 4.6%	63 5.7%	43 4.4%	39 4.0%	29 3.3%	21 2.8%	1,433 4.8%
Sex w/Bi Male	47 0.2%	4 0.3%	6 0.5%	2 0.2%	4 0.4%	1 0.1%	0 0.0%	2 0.2%	0 0.0%	68 0.2%
Sex w/bld/prdt recip.	41 0.2%	1 0.1%	1 0.1%	1 0.1%	3 0.3%	0 0.0%	2 0.2%	0 0.0%	0 0.0%	50 0.2%
Sex w/HIV/AIDS	948 4.6%	129 9.5%	120 9.7%	120 11.6%	115 10.4%	79 8.1%	81 8.3%	72 8.1%	56 7.4%	1,763 6.0%
<b>Undetermined/Other</b>	<b>1,972</b> 9.6%	<b>304</b> 22.4%	<b>341</b> 27.7%	<b>294</b> 28.4%	<b>343</b> 31.1%	<b>337</b> 34.4%	<b>350</b> 36.0%	<b>303</b> 34.0%	<b>265</b> 35.2%	<b>4,800</b> 16.2%
Presumed Hetero-Unk risk of partner***	1,322 6.4%	242 17.8%	260 21.1%	208 20.1%	256 23.2%	224 22.9%	233 24.0%	195 21.9%	180 23.9%	3,305 11.2%
Undetermined/Other****	650 3.2%	62 4.6%	81 6.6%	86 8.3%	87 7.9%	113 11.5%	117 12.0%	108 12.1%	85 11.3%	1,495 5.1%
<b>Pediatric</b>	<b>402</b> 2.0%	<b>18</b> 1.3%	<b>14</b> 1.1%	<b>9</b> 0.9%	<b>4</b> 0.4%	<b>10</b> 1.0%	<b>10</b> 1.0%	<b>4</b> 0.4%	<b>4</b> 0.5%	<b>476</b> 1.6%
<b>TOTAL (% of total)</b>	<b>20,529</b> 69.4%	<b>1,357</b> 4.6%	<b>1,232</b> 4.2%	<b>1,034</b> 3.5%	<b>1,103</b> 3.7%	<b>980</b> 3.3%	<b>971</b> 3.3%	<b>892</b> 3.0%	<b>752</b> 2.5%	<b>29,571</b> 100.0%

**TRENDS IN BOSTON HIV AND AIDS BY YEAR OF DIAGNOSIS OF HIV INFECTION<sup>‡</sup>**

*Cumulative Cases reported as of 09/01/2008 (Individuals reported from correctional facilities not included)*

HIV Surveillance Began

Mode of Exposure	<=1998 <sup>§</sup>	1999	2000	2001	2002	2003	2004	2005	2006*	TOTAL**
<b>Male Sex w/Male</b>	<b>3,164</b> 48.7%	<b>132</b> 37.6%	<b>132</b> 35.7%	<b>126</b> 42.4%	<b>138</b> 42.5%	<b>117</b> 39.9%	<b>125</b> 46.0%	<b>132</b> 50.6%	<b>118</b> 55.1%	<b>4,264</b> 47.0%
<b>Injection Drug Use</b>	<b>1,673</b> 25.8%	<b>71</b> 20.2%	<b>61</b> 16.5%	<b>38</b> 12.8%	<b>39</b> 12.0%	<b>33</b> 11.3%	<b>26</b> 9.6%	<b>24</b> 9.2%	<b>13</b> 6.1%	<b>2,001</b> 22.1%
<b>MSM &amp; IDU</b>	<b>281</b> 4.3%	<b>11</b> 3.1%	<b>9</b> 2.4%	<b>6</b> 2.0%	<b>11</b> 3.4%	<b>7</b> 2.4%	<b>6</b> 2.2%	<b>5</b> 1.9%	<b>6</b> 2.8%	<b>345</b> 3.8%
<b>Rec. of blood/prod.</b>	<b>68</b> 1.0%	<b>4</b> 1.1%	<b>1</b> 0.3%	<b>1</b> 0.3%	<b>1</b> 0.3%	<b>0</b> 0.0%	<b>1</b> 0.4%	<b>0</b> 0.0%	<b>0</b> 0.0%	<b>77</b> 0.8%
<b>Heterosexual</b>	<b>542</b> 8.3%	<b>52</b> 14.8%	<b>51</b> 13.8%	<b>40</b> 13.5%	<b>55</b> 16.9%	<b>35</b> 11.9%	<b>20</b> 7.4%	<b>24</b> 9.2%	<b>15</b> 7.0%	<b>849</b> 9.4%
Sex w/IDU	220 3.4%	12 3.4%	18 4.9%	9 3.0%	15 4.6%	11 3.8%	3 1.1%	2 0.8%	0 0.0%	292 3.2%
Sex w/Bi Male	7 0.1%	1 0.3%	1 0.3%	1 0.3%	1 0.3%	1 0.3%	0 0.0%	0 0.0%	0 0.0%	13 0.1%
Sex w/bld/prdt recip.	4 0.1%	0 0.0%	0 0.0%	0 0.0%	2 0.6%	0 0.0%	1 0.4%	0 0.0%	0 0.0%	7 0.1%
Sex w/HIV/AIDS	311 4.8%	39 11.1%	32 8.6%	30 10.1%	37 11.4%	23 7.8%	16 5.9%	22 8.4%	15 7.0%	537 5.9%
<b>Undetermined/Other</b>	<b>667</b> 10.3%	<b>78</b> 22.2%	<b>113</b> 30.5%	<b>86</b> 29.0%	<b>81</b> 24.9%	<b>99</b> 33.8%	<b>93</b> 34.2%	<b>73</b> 28.0%	<b>61</b> 28.5%	<b>1,414</b> 15.6%
Presumed Hetero-Unk risk of partner***	470 7.2%	66 18.8%	87 23.5%	63 21.2%	64 19.7%	67 22.9%	59 21.7%	44 16.9%	44 20.6%	1,002 11.1%
Undetermined/Other****	197 3.0%	12 3.4%	26 7.0%	23 7.7%	17 5.2%	32 10.9%	34 12.5%	29 11.1%	17 7.9%	412 4.5%
<b>Pediatric</b>	<b>101</b> 1.6%	<b>3</b> 0.9%	<b>3</b> 0.8%	<b>0</b> 0.0%	<b>0</b> 0.0%	<b>2</b> 0.7%	<b>1</b> 0.4%	<b>3</b> 1.1%	<b>1</b> 0.5%	<b>114</b> 1.3%
<b>TOTAL (% of total)</b>	<b>6,496</b> 71.7%	<b>351</b> 3.9%	<b>370</b> 4.1%	<b>297</b> 3.3%	<b>325</b> 3.6%	<b>293</b> 3.2%	<b>272</b> 3.0%	<b>261</b> 2.9%	<b>214</b> 2.4%	<b>9,064</b> 100.0%

<sup>‡</sup> Reflects year of first reported diagnosis(which may not reflect first actual diagnosis) for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>§</sup> Includes individuals diagnosed with AIDS, as well as individuals previously diagnosed with HIV infection (non-AIDS) who were alive and in care on January 1, 1999

\*Due to prolonged reporting delays from regulation changes, 2006 numbers are still considered preliminary.

\*\*Row totals include cases diagnosed in 2007 & 2008.

\*\*\* Risk of partner unknown and primary risks denied; definition revised 7/1/99.

\*\*\*\*Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

Massachusetts HIV/AIDS Surveillance Program

**TRENDS IN MASSACHUSETTS AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS**

*Cumulative Cases reported as of 09/01/2008*

Mode of Exposure	<=1998	1999	2000	2001	2002	2003	2004	2005	2006*	TOTAL**
<b>Male Sex w/Male</b>	<b>5,982</b> 39.3%	<b>238</b> 25.1%	<b>179</b> 22.3%	<b>172</b> 24.0%	<b>174</b> 24.9%	<b>147</b> 24.5%	<b>166</b> 25.5%	<b>173</b> 27.8%	<b>181</b> 32.9%	<b>7,578</b> 35.5%
<b>Injection Drug Use</b>	<b>5,269</b> 34.6%	<b>380</b> 40.1%	<b>277</b> 34.6%	<b>215</b> 29.9%	<b>196</b> 28.0%	<b>173</b> 28.8%	<b>162</b> 24.9%	<b>159</b> 25.6%	<b>97</b> 17.6%	<b>7,028</b> 32.9%
<b>MSM &amp; IDU</b>	<b>667</b> 4.4%	<b>32</b> 3.4%	<b>19</b> 2.4%	<b>32</b> 4.5%	<b>26</b> 3.7%	<b>18</b> 3.0%	<b>24</b> 3.7%	<b>18</b> 2.9%	<b>16</b> 2.9%	<b>864</b> 4.0%
<b>Rec. of blood/prod.</b>	<b>347</b> 2.3%	<b>2</b> 0.2%	<b>4</b> 0.5%	<b>4</b> 0.6%	<b>3</b> 0.4%	<b>2</b> 0.3%	<b>2</b> 0.3%	<b>0</b> 0.0%	<b>1</b> 0.2%	<b>365</b> 1.7%
<b>Heterosexual</b>	<b>1,409</b> 9.3%	<b>112</b> 11.8%	<b>135</b> 16.9%	<b>110</b> 15.3%	<b>115</b> 16.5%	<b>85</b> 14.2%	<b>83</b> 12.7%	<b>86</b> 13.8%	<b>75</b> 13.6%	<b>2,275</b> 10.7%
Sex w/IDU	680 4.5%	45 4.8%	57 7.1%	39 5.4%	43 6.2%	31 5.2%	30 4.6%	27 4.3%	31 5.6%	1,004 4.7%
Sex w/Bi Male	39 0.3%	0 0.0%	2 0.2%	0 0.0%	1 0.1%	0 0.0%	2 0.3%	0 0.0%	0 0.0%	44 0.2%
Sex w/bld/prdt recip.	35 0.2%	1 0.1%	2 0.2%	0 0.0%	2 0.3%	1 0.2%	0 0.0%	1 0.2%	0 0.0%	43 0.2%
Sex w/HIV/AIDS	655 4.3%	66 7.0%	74 9.2%	71 9.9%	69 9.9%	53 8.8%	51 7.8%	58 9.3%	44 8.0%	1,184 5.5%
<b>Undetermined/Other</b>	<b>1,325</b> 8.7%	<b>180</b> 19.0%	<b>181</b> 22.6%	<b>176</b> 24.5%	<b>178</b> 25.5%	<b>168</b> 28.0%	<b>206</b> 31.6%	<b>182</b> 29.3%	<b>176</b> 32.0%	<b>2,945</b> 13.8%
Presumed Hetero-Unk risk of partner***	827 5.4% 0.0%	154 16.3% 0.0%	147 18.4% 0.0%	131 18.2% 0.0%	133 19.0% 0.0%	110 18.3% 0.0%	140 21.5% 0.0%	120 19.3% 0.0%	127 23.1% 0.0%	2,002 9.4% 0.0%
Undetermined/Other****	498 3.3%	26 2.7%	34 4.2%	45 6.3%	45 6.4%	58 9.7%	66 10.1%	62 10.0%	49 8.9%	943 4.4%
<b>Pediatric</b>	<b>220</b> 1.4%	<b>3</b> 0.3%	<b>6</b> 0.7%	<b>9</b> 1.3%	<b>7</b> 1.0%	<b>7</b> 1.2%	<b>8</b> 1.2%	<b>4</b> 0.6%	<b>4</b> 0.7%	<b>281</b> 1.3%
<b>TOTAL (% of total)</b>	<b>15,219</b> 71.3%	<b>947</b> 4.4%	<b>801</b> 3.8%	<b>718</b> 3.4%	<b>699</b> 3.3%	<b>600</b> 2.8%	<b>651</b> 3.1%	<b>622</b> 2.9%	<b>550</b> 2.6%	<b>21,336</b> 100.0%

**TRENDS IN BOSTON AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS**

*Cumulative Cases reported as of 09/01/2008 &*

Mode of Exposure	<=1998	1999	2000	2001	2002	2003	2004	2005	2006*	TOTAL**
<b>Male Sex w/Male</b>	<b>2,502</b> 49.4%	<b>79</b> 35.9%	<b>67</b> 30.2%	<b>57</b> 31.3%	<b>61</b> 32.4%	<b>46</b> 25.7%	<b>51</b> 32.1%	<b>62</b> 40.3%	<b>63</b> 45.3%	<b>3,048</b> 45.9%
<b>Injection Drug Use</b>	<b>1,316</b> 26.0%	<b>59</b> 26.8%	<b>53</b> 23.9%	<b>44</b> 24.2%	<b>39</b> 20.7%	<b>50</b> 27.9%	<b>33</b> 20.8%	<b>26</b> 16.9%	<b>19</b> 13.7%	<b>1,654</b> 24.9%
<b>MSM &amp; IDU</b>	<b>208</b> 4.1%	<b>6</b> 2.7%	<b>6</b> 2.7%	<b>10</b> 5.5%	<b>6</b> 3.2%	<b>7</b> 3.9%	<b>8</b> 5.0%	<b>3</b> 1.9%	<b>4</b> 2.9%	<b>263</b> 4.0%
<b>Rec. of blood/prod.</b>	<b>64</b> 1.3%	<b>2</b> 0.9%	<b>0</b> 0.0%	<b>1</b> 0.5%	<b>1</b> 0.5%	<b>0</b> 0.0%	<b>1</b> 0.6%	<b>0</b> 0.0%	<b>0</b> 0.0%	<b>69</b> 1.0%
<b>Heterosexual</b>	<b>420</b> 8.3%	<b>27</b> 12.3%	<b>31</b> 14.0%	<b>20</b> 11.0%	<b>33</b> 17.6%	<b>25</b> 14.0%	<b>22</b> 13.8%	<b>17</b> 11.0%	<b>11</b> 7.9%	<b>618</b> 9.3%
Sex w/IDU	172 3.4%	6 2.7%	11 5.0%	5 2.7%	11 5.9%	6 3.4%	7 4.4%	4 2.6%	1 0.7%	226 3.4%
Sex w/Bi Male	5 0.1%	0 0.0%	1 0.5%	0 0.0%	1 0.5%	0 0.0%	1 0.6%	0 0.0%	0 0.0%	8 0.1%
Sex w/bld/prdt recip.	3 0.1%	0 0.0%	0 0.0%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 0.1%
Sex w/HIV/AIDS	240 4.7%	21 9.5%	19 8.6%	15 8.2%	19 10.1%	19 10.6%	14 8.8%	13 8.4%	10 7.2%	379 5.7%
<b>Undetermined/Other</b>	<b>499</b> 9.8%	<b>47</b> 21.4%	<b>63</b> 28.4%	<b>49</b> 26.9%	<b>47</b> 25.0%	<b>51</b> 28.5%	<b>43</b> 27.0%	<b>43</b> 27.9%	<b>41</b> 29.5%	<b>923</b> 13.9%
Presumed Hetero-Unk risk of partner***	338 6.7%	41 18.6%	48 21.6%	36 19.8%	38 20.2%	33 18.4%	24 15.1%	29 18.8%	33 23.7%	647 9.7%
Undetermined/Other****	161 3.2%	6 2.7%	15 6.8%	13 7.1%	9 4.8%	18 10.1%	19 11.9%	14 9.1%	8 5.8%	276 4.2%
<b>Pediatric</b>	<b>60</b> 1.2%	<b>0</b> 0.0%	<b>2</b> 0.9%	<b>1</b> 0.5%	<b>1</b> 0.5%	<b>0</b> 0.0%	<b>1</b> 0.6%	<b>3</b> 1.9%	<b>1</b> 0.7%	<b>72</b> 1.1%
<b>TOTAL (% of total)</b>	<b>5,069</b> 76.3%	<b>220</b> 3.3%	<b>222</b> 3.3%	<b>182</b> 2.7%	<b>188</b> 2.8%	<b>179</b> 2.7%	<b>159</b> 2.4%	<b>154</b> 2.3%	<b>139</b> 2.1%	<b>6,647</b> 100.0%

\*Due to prolonged reporting delays from regulation changes, 2006 numbers are still considered preliminary.

\*\*Row totals include cases diagnosed in 2007 & 2008.

\*\*\* Risk of partner unknown and primary risks denied; definition revised 7/1/99.

\*\*\*\*Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

& Boston Cases do not include prisoners.

**Massachusetts HIV/AIDS Surveillance Program**  
**Massachusetts HIV and AIDS By Gender and Race/Ethnicity**

Alive Cases as of 09/01/08

# MALES

## HIV

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*
	No.	%	No.	%	No.	%	No. %
Male Sex w/Male	2,153	73.6%	315	27.5%	411	33.3%	2,934 54.2%
Injection Drug Use (IDU)	319	10.9%	241	21.0%	495	40.1%	1,066 19.7%
Male/Male Sex & IDU	149	5.1%	36	3.1%	39	3.2%	225 4.2%
Receipt of blood/products	14	0.5%	4	0.3%	1	0.1%	19 0.4%
Heterosexual:	53	1.8%	113	9.9%	78	6.3%	251 4.6%
Sex w/IDU	18	0.6%	24	2.1%	27	2.2%	70 1.3%
Sex w/recpt of bld/prdts.	2	0.1%	0	0.0%	1	0.1%	4 0.1%
Sex w/HIV/AIDS	33	1.1%	89	7.8%	50	4.1%	177 3.3%
Undetermined:	218	7.5%	392	34.2%	175	14.2%	823 15.2%
Presumed Het-Unk Risk of Prtnr**	104	3.6%	269	23.5%	101	8.2%	497 9.2%
Undetermined/Other***	114	3.9%	123	10.7%	74	6.0%	326 6.0%
Pediatric	18	0.6%	45	3.9%	34	2.8%	98 1.8%
Total HIV Male (% of all cases)	2,924	54.0%	1,146	21.2%	1,233	22.8%	5,416 100.0%

## AIDS

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*
	No.	%	No.	%	No.	%	No. %
Male Sex w/Male	2,213	63.4%	414	23.9%	363	20.9%	3,047 43.0%
Injection Drug Use (IDU)	613	17.6%	464	26.8%	818	47.0%	1,902 26.9%
Male/Male Sex & IDU	191	5.5%	71	4.1%	82	4.7%	347 4.9%
Receipt of blood/products	45	1.3%	4	0.2%	5	0.3%	55 0.8%
Heterosexual:	98	2.8%	199	11.5%	160	9.2%	467 6.6%
Sex w/IDU	41	1.2%	39	2.3%	37	2.1%	118 1.7%
Sex w/recpt of bld/prdts.	2	0.1%	3	0.2%	0	0.0%	5 0.1%
Sex w/HIV/AIDS	55	1.6%	157	9.1%	123	7.1%	344 4.9%
Undetermined:	310	8.9%	551	31.8%	281	16.1%	1,185 16.7%
Presumed Het-Unk Risk of Prtnr**	178	5.1%	404	23.3%	198	11.4%	805 11.4%
Undetermined/Other***	132	3.8%	147	8.5%	83	4.8%	380 5.4%
Pediatric	18	0.5%	29	1.7%	31	1.8%	78 1.1%
Total AIDS Male (% of all cases)	3,488	49.3%	1,732	24.5%	1,740	24.6%	7,081 100.0%

## HIV/AIDS

MODE OF EXPOSURE	WHITE		BLACK		HISPANIC		TOTAL*
	No.	%	No.	%	No.	%	No. %
Male Sex w/Male	4,366	68.1%	729	25.3%	774	26.0%	5,981 47.9%
Injection Drug Use (IDU)	932	14.5%	705	24.5%	1,313	44.2%	2,968 23.7%
Male/Male Sex & IDU	340	5.3%	107	3.7%	121	4.1%	572 4.6%
Receipt of blood/products	59	0.9%	8	0.3%	6	0.2%	74 0.6%
Heterosexual:	151	2.4%	312	10.8%	238	8.0%	718 5.7%
Sex w/IDU	59	0.9%	63	2.2%	64	2.2%	188 1.5%
Sex w/recpt of bld/prdts.	4	0.1%	3	0.1%	1	0.0%	9 0.1%
Sex w/HIV/AIDS	88	1.4%	246	8.5%	173	5.8%	521 4.2%
Undetermined:	528	8.2%	943	32.8%	456	15.3%	2,008 16.1%
Presumed Het-Unk Risk of Prtnr**	282	4.4%	673	23.4%	299	10.1%	1,302 10.4%
Undetermined/Other***	246	3.8%	270	9.4%	157	5.3%	706 5.6%
Pediatric	36	0.6%	74	2.6%	65	2.2%	176 1.4%
Total HIV/AIDS Male (% of all cases)	6,412	51.3%	2,878	23.0%	2,973	23.8%	12,497 100.0%

\*Row totals include other race/ethnicities and cases whose race/ethnicity is unknown.

\*\*Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

\*\*\*Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

**Massachusetts HIV/AIDS Surveillance Program**  
**Massachusetts HIV and AIDS By Gender and Race/Ethnicity**  
 Alive Cases as of 09/01/08

## FEMALES

### HIV

MODE OF EXPOSURE	WHITE No. %	BLACK No. %	HISPANIC No. %	TOTAL* No. %
<b>Injection Drug Use (IDU)</b>	<b>284</b> 42.6%	<b>124</b> 12.8%	<b>155</b> 22.3%	<b>565</b> 23.7%
<b>Receipt of blood/products</b>	<b>2</b> 0.3%	<b>3</b> 0.3%	<b>1</b> 0.1%	<b>6</b> 0.3%
<b>Heterosexual:</b>	<b>198</b> 29.7%	<b>246</b> 25.5%	<b>289</b> 41.5%	<b>749</b> 31.4%
Sex w/IDU	103 15.4%	66 6.8%	163 23.4%	340 14.2%
Sex W/Bi Male	11 1.6%	7 0.7%	6 0.9%	24 1.0%
Sex w/recpt of bld/prdts.	1 0.1%	1 0.1%	1 0.1%	3 0.1%
Sex w/HIV/AIDS	83 12.4%	172 17.8%	119 17.1%	382 16.0%
<b>Undetermined:</b>	<b>158</b> 23.7%	<b>553</b> 57.2%	<b>221</b> 31.8%	<b>972</b> 40.7%
Presumed Het-Unk Risk of Prtnr**	120 18.0%	463 47.9%	164 23.6%	769 32.2%
Other Undetermined***	38 5.7%	90 9.3%	57 8.2%	203 8.5%
<b>Pediatric</b>	<b>25</b> 3.7%	<b>40</b> 4.1%	<b>30</b> 4.3%	<b>97</b> 4.1%
<b>Total HIV (% of all cases)</b>	<b>667</b> 27.9%	<b>966</b> 40.4%	<b>696</b> 29.1%	<b>2,389</b> 100.0%

### AIDS

MODE OF EXPOSURE	WHITE No. %	BLACK No. %	HISPANIC No. %	TOTAL* No. %
<b>Injection Drug Use (IDU)</b>	<b>393</b> 51.8%	<b>205</b> 18.3%	<b>248</b> 33.6%	<b>853</b> 32.2%
<b>Receipt of blood/products</b>	<b>11</b> 1.4%	<b>6</b> 0.5%	<b>5</b> 0.7%	<b>23</b> 0.9%
<b>Heterosexual:</b>	<b>208</b> 27.4%	<b>369</b> 32.9%	<b>325</b> 44.1%	<b>918</b> 34.6%
Sex w/IDU	113 14.9%	103 9.2%	202 27.4%	420 15.8%
Sex W/Bi Male	9 1.2%	7 0.6%	3 0.4%	19 0.7%
Sex w/recpt of bld/prdts.	7 0.9%	6 0.5%	0 0.0%	14 0.5%
Sex w/HIV/AIDS	79 10.4%	253 22.5%	120 16.3%	465 17.5%
<b>Undetermined:</b>	<b>132</b> 17.4%	<b>515</b> 45.9%	<b>142</b> 19.3%	<b>799</b> 30.1%
Presumed Het-Unk Risk of Prtnr**	99 13.0%	441 39.3%	114 15.5%	659 24.8%
Other Undetermined***	33 4.3%	74 6.6%	28 3.8%	140 5.3%
<b>Pediatric</b>	<b>15</b> 2.0%	<b>27</b> 2.4%	<b>17</b> 2.3%	<b>59</b> 2.2%
<b>Total AIDS (% of all cases)</b>	<b>759</b> 28.6%	<b>1,122</b> 42.3%	<b>737</b> 27.8%	<b>2,652</b> 100.0%

### HIV/AIDS

MODE OF EXPOSURE	WHITE No. %	BLACK No. %	HISPANIC No. %	TOTAL* No. %
<b>Injection Drug Use (IDU)</b>	<b>677</b> 47.5%	<b>329</b> 15.8%	<b>403</b> 28.1%	<b>1,418</b> 28.1%
<b>Receipt of blood/products</b>	<b>13</b> 0.9%	<b>9</b> 0.4%	<b>6</b> 0.4%	<b>29</b> 0.6%
<b>Heterosexual:</b>	<b>406</b> 28.5%	<b>615</b> 29.5%	<b>614</b> 42.8%	<b>1,667</b> 33.1%
Sex w/IDU	216 15.1%	169 8.1%	365 25.5%	760 15.1%
Sex W/Bi Male	20 1.4%	14 0.7%	9 0.6%	43 0.9%
Sex w/recpt of bld/prdts.	8 0.6%	7 0.3%	1 0.1%	17 0.3%
Sex w/HIV/AIDS	162 11.4%	425 20.4%	239 16.7%	847 16.8%
<b>Undetermined:</b>	<b>290</b> 20.3%	<b>1,068</b> 51.1%	<b>363</b> 25.3%	<b>1,771</b> 35.1%
Presumed Het-Unk Risk of Prtnr**	219 15.4%	904 43.3%	278 19.4%	1,428 28.3%
Other Undetermined***	71 5.0%	164 7.9%	85 5.9%	343 6.8%
<b>Pediatric</b>	<b>40</b> 2.8%	<b>67</b> 3.2%	<b>47</b> 3.3%	<b>156</b> 3.1%
<b>Total HIV/AIDS (% of all cases)</b>	<b>1,426</b> 28.3%	<b>2,088</b> 41.4%	<b>1,433</b> 28.4%	<b>5,041</b> 100.0%

\*Row totals include other race/ethnicities and cases whose race/ethnicity is unknown.

\*\*Risk of partner is unknown and primary risk categories have been denied; definition revised 7/1/99.

\*\*\*Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

Massachusetts HIV/AIDS Surveillance Program  
MASSACHUSETTS HIV/AIDS Cases by County

**ALIVE CASES AS OF SEPTEMBER 1, 2008**

<b>COUNTY*</b>	<b>Population</b>	<b>HIV</b>		<b>AIDS</b>		<b>HIV/AIDS</b>		<b>Alive Case Rate**</b>
		<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>	<b>%</b>	<b>No.</b>
<b>Barnstable</b>	222,230	<b>276</b>	3.7%	<b>338</b>	3.7%	<b>614</b>	3.7%	<b>276</b>
<b>Berkshire</b>	134,953	<b>60</b>	0.8%	<b>58</b>	0.6%	<b>118</b>	0.7%	<b>87</b>
<b>Bristol</b>	534,678	<b>441</b>	5.9%	<b>658</b>	7.1%	<b>1,099</b>	6.6%	<b>206</b>
<b>Essex</b>	723,419	<b>577</b>	7.8%	<b>807</b>	8.8%	<b>1,384</b>	8.3%	<b>191</b>
<b>Franklin</b>	71,535	<b>25</b>	0.3%	<b>35</b>	0.4%	<b>60</b>	0.4%	<b>84</b>
<b>Hampden</b>	456,228	<b>883</b>	11.9%	<b>915</b>	9.9%	<b>1,798</b>	10.8%	<b>394</b>
<b>Hampshire</b>	152,251	<b>55</b>	0.7%	<b>78</b>	0.8%	<b>133</b>	0.8%	<b>87</b>
<b>Islands***</b>	24,507	<b>23</b>	0.3%	<b>27</b>	0.3%	<b>50</b>	0.3%	<b>204</b>
<b>Middlesex</b>	1,465,396	<b>1,325</b>	17.8%	<b>1,488</b>	16.2%	<b>2,813</b>	16.9%	<b>192</b>
<b>Norfolk</b>	650,308	<b>358</b>	4.8%	<b>403</b>	4.4%	<b>761</b>	4.6%	<b>117</b>
<b>Plymouth</b>	472,822	<b>277</b>	3.7%	<b>385</b>	4.2%	<b>662</b>	4.0%	<b>140</b>
<b>Suffolk</b>	689,807	<b>2,503</b>	33.7%	<b>3,076</b>	33.4%	<b>5,579</b>	33.5%	<b>809</b>
<b>Worcester</b>	750,963	<b>622</b>	8.4%	<b>936</b>	10.2%	<b>1,558</b>	9.4%	<b>207</b>
<b>Total</b>	6,349,097	<b>7,425</b>	<b>100.0%</b>	<b>9,204</b>	<b>100.0%</b>	<b>16,629</b>	<b>100.0%</b>	<b>262</b>

\* Persons diagnosed while in MA prisons or residing in unidentified locations are not included.

\*\* Per 100,000 -- 2000 US Census (MassCHIP)

\*\*\*Islands=Dukes + Nantucket Counties